

205.1 - Radiation Dosimetry (wire form)

This SRM is a cobalt-in-aluminum alloy wire 0.5 mm in diameter and 1 m in length for use as a neutron density monitor standard.

["Radionuclide Calibration Services"](#)

["Radioactive SRM Purchasing Instructions & License Certification Form"](#)

["Radioactive SRMs-General Info"](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Cobalt Composition (mass fraction, in %)	NRC License or Equivalent Required
953	Neutron Density Monitor Wire	1 m	0.116	--

If no "X", then license is not required unless the institution possesses a specific license that covers the listed radionuclide.

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only